

a controller coupled to the electrode structure operating to condition the electrode structure to perform a diagnostic or therapeutic procedure and to monitor events during the procedure,

a display screen, and

an interface manager coupled to the controller and the

display screen, the interface manager including a first function to generate a display comprising a

functional map of the electrode structure at least partially while

performing the procedure, and

a second function to annotate the functional map in response to events monitored by the controller,

wherein the electrode structure and functional map of the electrode structure includes a plurality of electrodes and further including a function to find an electrode on the display by entering a coordinate of the electrode.

55. A system, comprising:

an electrode structure which, in use, is deployed in contact with heart tissue; and

an interface, the interface including

a controller coupled to the electrode structure operating to condition the electrode

structure to perform a diagnostic or therapeutic procedure and to monitor events during the procedure,

a display screen, and an interface manager coupled to the controller and the display

screen, the interface manager including a first function to generate a display comprising a

functional map of the electrode structure at least partially while  
performing the procedure, and

a second function to annotate the image in response to events monitored by the  
controller,

wherein the second function includes a function to manually add an annotation to the functional  
map on the display, the annotation selected from the group consisting of an identifier, a  
marker, and an associated text comment.

56. A system according to claim 54 or 55,  
wherein the first function includes an adjustment function to manually alter the appearance of the  
functional map.

57. A method for mapping myocardial tissue, comprising:  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;  
causing the electrode structure to pace myocardial tissue and recording paced electrical events in  
the myocardial tissue while the functional map is displayed for viewing; and  
annotating the functional map in response to the paced electrical events which are recorded,  
wherein the electrode structure and functional map of the electrode structure include a plurality  
of electrodes and further including finding an electrode on the display by entering a  
coordinate of the electrode.

58. A method for mapping myocardial tissue,  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;

causing the electrode structure to pace myocardial tissue and recording paced electrical events in the myocardial tissue while the functional map is displayed for viewing;  
annotating the functional map in response to the paced electrical events which are recorded; and  
manually adding an annotation to the functional map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

59. A method for mapping myocardial tissue, comprising:  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;  
causing the electrode structure to pace myocardial tissue and recording paced electrical events in the myocardial tissue while the functional map is displayed for viewing;  
annotating the functional map in response to the paced electrical events which are recorded; and  
manually altering the appearance of the functional map.

60. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and

including a first function to generate a display comprising a functional map of the electrode structure at least partially while performing the procedure, and a second function to annotate the functional map to show an anatomic feature,

wherein the electrode structure and displayed functional map of the electrode structure includes a plurality of electrodes and further including a function to find an electrode on the display by entering a coordinate of the electrode.

61. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and including a first function to generate a display comprising a functional map of the electrode structure at least partially while performing the procedure, and a second function to annotate the functional map to show an anatomic feature,

wherein the second function includes a function to manually add an annotation to the image of the functional map on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

62. An interface for association with an electrode structure which, in use, is deployed in contact with heart tissue to perform a diagnostic or therapeutic procedure, the interface comprising:

a display screen; and

an interface manager coupled to the display screen and including a first function to generate a display comprising a functional map of the electrode structure at least partially while performing the procedure, and a second function to annotate the functional map to show an anatomic feature,

wherein the first function includes an adjustment function to manually alter the geometric appearance of the functional map in response to operator input.

63. A method for examining myocardial tissue, comprising:  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;  
annotating the functional map to show an anatomic feature; and  
causing the electrode structure to conduct a diagnostic or therapeutic procedure affecting myocardial tissue while the functional map is displayed for viewing,  
wherein the electrode structure and displayed functional map of the electrode structure includes a plurality of electrodes and further including finding an electrode on the display by entering a coordinate of the electrode.

64. A method for examining myocardial tissue, comprising:  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;  
annotating the functional map to show an anatomic feature;  
causing the electrode structure to conduct a diagnostic or therapeutic procedure affecting myocardial tissue while the functional map is displayed for viewing; and  
manually adding an annotation to the functional map of the electrode structure on the display, the annotation selected from the group consisting of an identifier, a marker and an associated text comment.

65. A method for examining myocardial tissue, comprising:  
deploying an electrode structure in contact with myocardial tissue;  
generating a display comprising a functional map of the electrode structure;